IFW

	I hereby certify that this correspondence is being deposited First Class Mail in an envelope addressed to the Commission the date shown below.	with the US Postal Service with sufficient postage as oney for Patents, P.O. Box 1450, Alexandria, VA 22313-1450,
	Date: <u>July 29, 2004</u> By:	ath your
OIP	E	Aida Martinez
AU6 0 2	mu	PATENT Docket No. GC793-3
700 U Z	74	ATENT AND TRADEMARK OFFICE
Dina	o Sept City	
	In re Application of	)
	Goedegebuur et al.	) Group Art Unit:
	Serial No.: 10/804,785	) Examiner:
*	Filed: March 19, 2004	
÷	For: CBH1 Homologs And Variant CBH1 Cellulases	)
	Information	Disclosure Statement
•	Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	
	Sir:	•
•	Applicants submit herewith patents, publica	tions or other information (listed on the attached
	Form PTO-1449 and attached thereto) of w	hich they are aware, that they believe may be
	material to the examination of this application	on and in respect of which there may be a duty to
	disclose in accordance with 37 CFR §1.56.	
	This Information Disclosure Statement:	
	<ul><li>(a) accompanies the new §1.97(a).</li></ul>	v patent application submitted herewith. 37 CFR
		onths after the filing date of the application or within of entry into the national stage of a PCT application 1.
	(c) $igties$ as far as is known to first Office Action on the mer	the undersigned, is filed before the mailing date of a its.
	· /	Office Action and more than three months after the national stage date of entry filing but, as far

	as is known to the undersigned, prior to the mailing date of either a final rejection or a notice of allowance, whichever occurs first, and is accompanied by either the fee (\$180.00) set forth in 37 CFR §1.17(p) or a certification as specified in 37 CFR §1.97(e), as checked below. Authorization to charge Deposit Account No. 07-1048 in the amount of \$180.00 to cover the cost of this Information Disclosure Statement is provided in the Transmittal Letter submitted herewith in duplicate.
	(e) is filed after the mailing date of either a final rejection or a notice of allowance, whichever occurred first, and is accompanied by authorization (in the Transmittal Letter submitted herewith in duplicate) to charge Deposit Account No. 07-1048 the fee (\$180.00) set forth in 37 CFR §1.17(I)(1) and a certification as specified in 37 CFR §1.97(e), as checked below. This document is to be considered as a petition requesting consideration of the Supplemental Information Disclosure Statement.
[If either of b	oxes (d) or (e) is checked above, the following "certification" under 37 CFR
§1.97(e) may	need to be completed.] The undersigned certifies that:
	Each item of information contained in the Information Disclosure Statement was cited in a communication mailed from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.
	No item of information contained in this Information Disclosure Statement was cited in a communication mailed from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.
PCT/	items on Form PTO-1449 is supplied: PCT International Search Report for with attached patents and publications.
PTO-1449 (B	(s) or publication(s) which are marked with an asterisk (*) on the attached Form <b>ooks not sent)</b> are not supplied. Complete bibliographic information is unknown e. The cited publications are books or reference manuals and are commonly production of such publications would result in a voluminous submission.
A concise exp	olanation of relevance of the items listed on PTO-1449 is:  ☑ not given
	given for each listed item

Serial No. 10/804,785 Page 3

	given for only non-English language listed item(s)
	in the form of an English language copy of a Search Report from a patent office, issued in a counterpart application, which refers to the
ioreigi	i patent office, issued in a counterpart application, which refers to the
releva	nt portions of the references.

The Examiner is reminded that a "concise explanation of the relevance" of the submitted prior art "may be nothing more than identification of the particular figure or paragraph of the patent or publication which has some relation to the claimed invention." MPEP §609.

While the information and references disclosed in this Information Disclosure Statement may be "material" pursuant to 37 CFR §1.56, it is not intended to constitute an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR §1.97(b), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR §1.56(a) exists. It is submitted that the Information Disclosure Statement is in compliance with 37 CFR §1.98 and MPEP §609 and the Examiner is respectfully requested to consider the listed references.

Respectfully submitted,

Registration No. 43,510

Date: July 29, 2004

Genencor International, Inc. 925 Page Mill Road Palo Alto, CA 94304-1013

Tel: 650 846-7615 Fax: 650 845-6504 I hereby certify that this correspondence is being deposited with the US Postal Service with sufficient postage as First Class Mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Date: July 29, 2004

Docket No. GC793-3



# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Goedegebuur et al.	)	Group Art Unit:
Serial No.: 10/804,785	)	Examiner:
Filed: March 19, 2004	,	
For: CBH1 Homologs And Variant CBH1	)	

Cellulases

### TRANSMITTAL LETTER

**Commissioner for Patents** P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Applicant submits Form PTO-1449 (with cited references) for the abovereferenced patent application.

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16 and 1.17 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 07-1048 (Docket No. GC793-3). A duplicate of this paper is enclosed.

Respectfully submitted,

Date: July 29, 2004

Genencor International, Inc. 925 Page Mill Road Palo Alto, CA 94304-1013

Tel: 650-846-7615 Fax: 650-845-6504

Victoria L. Boyd Registration No. 43,510

I hereby certify that this correspondence is being deposited with the US Postal Service with sufficient postage as First Class Mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Date: July 29, 2004

PATENT Docket No. GC793-3



# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Goedegebuur et al.

Group Art Unit:

Serial No.: 10/804,785

Examiner:

Filed: March 19, 2004

For: CBH1 Homologs And Variant CBH1

Cellulases

TRANSMITTAL LETTER

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Applicant submits Form PTO-1449 (with cited references) for the abovereferenced patent application.

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16 and 1.17 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 07-1048 (Docket No. GC793-3). A duplicate of this paper is enclosed.

Respectfully submitted,

Date: July 29, 2004

Victoria L. Bovd

Registration No. 43,510

Genencor International, Inc. 925 Page Mill Road

Palo Alto, CA 94304-1013

Tel: 650-846-7615 Fax: 650-845-6504

#### INFORMATION DISCLOSURE CITATION

	111 011111		
Attorney Docket No.: GC793-3	OIPE	Serial No.: 10/804,785	
Applicant: Goedegebuur	(2)		
Filing Date: March 19, 2004	AUG 0 2 2004	Group:	
Page 1 of 3		Date of this Submission:	
	US PAT	ENT DOCUMENTS	

US	PA.	TFN	ם ד	OCL	IMEN'	TS

Examiner's	Document				Sub-	Filing
Initial	Number	Date	Name	Class	Class	Date
	4,435,307	03/06/1984	Barbesgaard et al			04/23/1981
	5,648,263	0715/1997	Schulein et al			05/301995
	5,691,178	11/25/1997	Schulein et al			06/07/1995
	5,776,757	07/07/1998	Schulein et al	,		05/30/1995
- 1	5,246,853	09/21/1993	Clarkson et al			03/29/1991

#### **FOREIGN PATENT DOCUMENTS**

Examiner's	Document		•		Sub-	Translation
Initials	Number	Date	Country	Class	Class	Yes/No
	2,095,275		Great Britain			
	2,094,826		Great Britain			
	1,358,599 (Application)		Great Britain			
	WO92/06209		World Intellectual Property			

### OTHER DOCUMENTS

Examiner's	
Initials	Author, Title, Date, Pertinent Pages, etc.
	Altschul, S. F., et al., J. Mol. Biol. 215:403-410, 1990.
÷	Altschul, S. F., et al., Nucleic Acids Res. 25:3389-3402, 1997.
	Aro, N., et al., J. Biol. Chem., 10.1074/ M003624200, April 13, 2001.
	Aubert, et al., Ed., p11 et seq., Academic Press, 1988.
	* Ausubel G. M., et al. CURRENT PROTOCOLS IN MOLECULAR BIOLOGY, John Wiley & Sons,
	NewYork, N.Y., 1993.
	Baldwin, D., et al., Curr. Opin. Plant Biol. 2(2):96-103, 1999.
	Baulcombe, D., Arch. Virol. Suppl. 15:189-201, 1999.
	Bhikhabhai, R. et al., J. Appl. Biochem. 6:336, 1984.
	Brumbauer, A. et al., Bioseparation 7:287-295, 1999.
	Carter et al., Nucl. Acids Res. 13:4331, 1986.
	Chen et al., Biochem. Biophys. Acta. 1121:54-60, 1992.
	* Coligan, J. E. et al., eds., CURRENT PROTOCOLS IN IMMUNOLOGY, 1991.
,	Collen, A., et al., Journal of Chromatography A 910:275-284, 2001.
	* Coughlan, et al., BIOCHEMISTRY AND GENETICS OF CELLULOSE DEGRADATION.
	Cummings and Fowler, Curr. Genet. 29:227-233, 1996.
	Dayhoff et al. in Atlas of Protein Sequence and Structure, Volume 5, Supplement 3,
	Chapter 22,pp. 345-352, 1978.
	Deutscher, M.P., Methods Enzymol. 182:779-80, 1990.
	* Doolittle, R. F., OF URFs AND ORFs, University Science Books, CA, 1986.

	Ellouz, S. et al., J. Chromatography 396:307, 1987.
	Fields and Song, <i>Nature</i> 340:245-246, 1989.
	Filho, et al. Can. J. Microbiol. 42:1-5, 1996.
	Fliess, A., et al., Eur. J. Appl. Microbiol. Biotechnol. 17:314, 1983.
	Freer, et al. J. Biol. Chem. 268:9337-9342, 1993.
	* Freshney, R. I., ed., ANIMAL CELL CULTURE, 1987.
	Goyal, A. et al. Bioresource Technol. 36:37, 1991.
	Halldorsdottir, S et al., Appl Microbiol Biotechnol. 49(3):277-84, 1998.
	Hu et al., Mol Cell Biol. 11:5792-9, 1991.
	Hemmpel, W.H. ITB Dyeing/Printing/Finishing 3:5-14, 1991.
	Herr et al., Appl. Microbiol. Biotechnol. 5:29-36, 1978.
	Jakobovits, A, et al., Ann N Y Acad Sci 764:525-35, 1995.
	Jakobovits, A, Curr Opin Biotechnol <u>6</u> (5):561-6, 1995.
	Jones et al., Nature 321:522-525, 1986.
	Kawaguchi, T et al., Gene 173(2):287-8, 1996.
	Knowles, J. et al., TIBTECH 5, 255-261, 1987.
	Krishna, S. et al., Bioresource Tech. 77:193-196, 2001.
	Kumar, A., et al., Textile Chemist and Colorist 29:37-42, 1997.
	Lehtio, J. et al., FEMS Microbiology Letters 195:197-204, 2001.
	Li and Ljungdahl Appl. Environ. Microbiol. 62:209-213, 1996.
	Linder, M. and Teeri, T.T., Biotechnol. 57:15-28, 1997.
	Medve, J. et al., J. Chromatography A 808:153, 1998.
	Ohmiya et al., Biotechnol. Gen. Engineer. Rev. 14:365-414, 1997.
	Ooi et al., Nucleic Acids Res. 18(19):5884, 1990.
	Ortega et al., International Biodeterioration and Biodegradation 47:7-14, 2001.
	Penttila <i>et al.</i> , Gene 63: 103-112, 1988.
	Penttila et al. Yeast 3 : 175-185, 1987.
	Pere, J., et al., In Proc. Tappi Pulping Conf., Nashville, TN, 27-31, pp. 693-696, 1996.
	Riechmann et al., Nature 332:323-327, 1988.
	Rothstein et al., Gene 55:353-356, 1987.
	Saarilahti <i>et al.</i> , Gene 90:9-14, 1990.
	Sakamoto <i>et al.</i> , Curr. Genet. 27:435-439, 1995.
	Saloheimo M, et al., Gene 63:11-22, 1988.
	* Sambrook et al., Molecular Cloning: A Laboratory Manual (Second Edition), Cold Spring Harbor Press, Plainview, N.Y., 1989.
	Schulein, Methods Enzymol., 160, 25, pages 234 et seq, 1988.
	Scopes, Methods Enzymol. 90 Pt E:479-90, 1982.
	Spilliaert R, et al., Eur J Biochem. 224(3):923-30, 1994.
ļ	Stahlberg, J. et al., Bio/Technol. 9:286-290, 1991.
	* Strathern et al., eds. (1981) The Molecular Biology of the Yeast Saccharomyces.
	- Control of the cont

	Suurnakki, A. et al., Cellulose 7:189-209, 2000.				
t	Te'o, J. et al., FEMS Microbiology Letters 190:13-19, 2000.				
	Tilbeurgh, H. et al., FEBS Lett. 16:215, 1984.				
	Timberlake et al., Cell 1:29-37, 1981.				
	Tomaz, C. and Queiroz, J., J. Chromatography A 865:123-128, 1999.				
	Tomme, P. et al., Eur. J. Biochem. 170:575-581, 1988.				
	Tormo, J. et al., EMBO J. 15:5739-5751, 1996.				
	Tyndall, R.M., Textile Chemist and Colorist 24:23-26, 1992.				
	Van Rensburg et al., Yeast 14:67-76, 1998.				
	Van Tilbeurgh, H. et al., FEBS Lett. 204:223-227, 1986.				
	Verhoeyen et al., Science 239:1534-1536, 1988.				
	Warrington, et al., Genomics 13:803-808, 1992.				
	Wells et al., Gene 34:315, 1985.				
	Wells et al., Philos. Trans. R. Soc. London SerA 317:415, 1986.				
	Wood, Biochem. Soc. Trans., 13, pp. 407-410, 1985.				
•	Wood et al., METHODS IN ENZYMOLOGY, 160, 25, p. 87 et seq., Academic Press, New York, 1988.				
	Zoller et al., Nucl. Acids Res. 10:6487, 1987.				
	·				
	·				
Examiner	Date Considered				
Examiner: Initia	itial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in and not				
	considered. Include copy of this form with next communication to applicant.				